



# **SNS COLLEGE OF ENGINEERING**

Kurumbapalayam (Po), Coimbatore – 641 107

**An Autonomous Institution**

Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A' Grade  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

## **DEPARTMENT OF COMPUTER SCIENCE AND DESIGN**

**COURSE NAME : 19MC003 ESSENCE OF INDIAN TRADITIONAL KNOWLEDGE**

**III YEAR / VI SEMESTER**

**Unit III- Legal framework and TK**

**Topic 3 : Plant Varieties Protection and Farmer's Rights Act, 2001 (PPVFR Act)**



## The Protection of Plant Varieties and Farmers' Rights (PPVFR) Act, 2001

- Enacted to protect plant varieties and the rights of farmers and plant breeders
- Ensures benefit sharing and recognition of traditional farmers' contributions
- Provides **Farmers' Rights, Breeders' Rights, and Researchers' Rights**



## Key Features of the PPVFR Act

- **Farmers' Rights:** Right to save, use, exchange, and sell farm-saved seeds
- **Breeders' Rights:** Exclusive rights to produce, sell, and distribute registered plant varieties
- **Researchers' Rights:** Right to use protected varieties for research and breeding
- Protection against biopiracy and unauthorized seed commercialization



## Eligibility and Implementation of PPVFR Act

- Protection granted to **new, extant, and farmers' varieties**
- Plant varieties must meet **novelty, distinctiveness, uniformity, and stability (NDUS) criteria**
- Registration authority: **Protection of Plant Varieties and Farmers' Rights Authority (PPVFRA)**



## Challenges in TK, Forest Rights, and Farmers' Rights Protection

- Lack of legal harmonization
- Difficulties in defining ownership
- Documentation vs. oral traditions
- Ensuring equitable benefit sharing
- Implementation challenges in FRA, 2006 and PPVFR Act, 2001



## Case Studies

- Neem patent case (India)
- Basmati rice controversy
- Hoodia plant and San community (South Africa)
- Forest Rights implementation challenges in India
- Farmers' Rights case studies under PPVFR Act

## Future Directions

- Strengthening international cooperation
- Developing sui generis (customized) protection systems
- Role of digital tools in TK, forest rights, and farmers' rights preservation
- Raising awareness and capacity-building efforts



Any Query????

Thank you.....